SECTION 53 INTERIM WORK INFORMATION MANAGEMENT SYSTEM (IWIMS)

53.1 GENERAL.

The USAF Standard Base-Level General Accounting and Finance System, H069 (BQ), and Work Information Management Systems (IWIMS) are independent systems which interchange data. IWIMS includes interrelated major subsystems for time accounting, work control, cost accounting integration, real property accounting, maintenance, repair and minor construction program reporting, and Base Engineer Emergency Force (BEEF). IWIMS data is extracted from the BQ system each day. At month end, IWIMS outputs a schedule of reimbursements and refunds for A&F to bill customers, and a file of materiel transactions to effect distribution to detail cost centers.

53.2 DATA ELEMENTS, CODES, AND FILES.

The following codes and files are used in IWIMS. The listed items are not complete. The codes and files selected are those that A&F personnel may need to know when dealing routinely with the BCE staff.

a. Codes.

(1) Change Code. The change code is a 1-letter code computer-assigned to A&F for input transactions to IWIMS through the A&F program NBQ165. The codes appear on the A&F IWIMS Extract List (PCN SH069-163) in the last position of the TRIC field. The codes are as follows:

(a) C--Change. This code instructs the IWIMS to update or change an existing IWIMS file.

(b) E--Exception. This code identifies transactions rejected by A&F and IWIMS programs. This code is changed to C by A&F programs for IWIMS processing.

(2) Control Center. At bases where the CE operation is large and shops are split into two or more separate locations with separate supervisors, the CE assigns a 1-letter alpha code to identify locations. The control center is entered in A&F input to IWIMS as the first position of the work order number. It also relates to the third and fourth positions of the responsibility center/cost center (RC/CC) prescribed by DFAS-DE 7000.1-R.

(3) Cost Descriptor (CD). The CD identifies whether the transaction is direct to a BCE cost account, indirect, or direct to a work order. The CD is part of the A&F database, and is entered in the highest level summary record (FSR or PSR) with costs totally applicable to IWIMS. If the CD is in an FSR or PSR, it is automatically entered in the DSR and transaction history record.

Enter "CD" in position 72, field 12, on the TRT. The three cost descriptors used by A&F are as follows:

(a) D--for costs chargeable directly to exception time accounting (ETA) cost centers. If this CD requires an work order number, A&F is told by BCE via annotations on documents and CD "W" is used instead of "D".

(b) I--for costs included in shop rates used by actual time accounting (ATA) cost centers. These transactions update the IWIMS Transaction History File.

(c) W--for costs applicable to a work order.

(4) Cost System Indicator (CSI). The CSI "B" identifies computer-stored A&F records applicable to IWIMS. The CSI is part of the A&F database, and is entered in the highest level summary record (FSR or PSR) with costs totally applicable to IWIMS. If the CSI is in an FSR or PSR, it is automatically entered in the transaction history record and the DSR. Enter the CSI in position 71, field 12.

(5) Installation Code and Control Installation Code. All costs and work order records in IWIMS are identified to an installation code, which is a unique 4-letter alpha code assigned to each installation. Codes are further grouped by control installation. The control installation identifies a certain group of installations treated as one to define a civil engineer reporting area. The code is the installation codes of one of the installations in the group, usually the one where the BCE is located. Normally, each BCE is associated with only one control installation. However, some BCE organizations enter into various host-tenant and off-base installation support agreements. When off-base sites or installations of another command are being supported (e.g., ACW sites, radar stations, etc.), costs are maintained under separate control installation codes to ensure the BCE reports to the proper command.

(6) Labor Utilization Code (LUC). LUCs are 2-digit numeric codes used in IWIMS to identify the kind of work accomplished by the BCE work force in the labor reporting subsystem.

(7) Materiel Cost Transactions (CWM). IWIMS materiel transactions are either generated by BCE processing, or by the Standard Base Supply System (SBSS). These transactions are used within IWIMS to update material costs in work order records.

(8) Work order number (WO). This is a term used to identify a job order or work order. The WO is a 6-character code composed of a 1-letter alphanumeric code and 5-digit alphanumeric sequential WO (e.g., A12345). Enter the WO in field 20. When transactions are not

to be passed to IWIMS (e.g., non-AFSF materiel purchases), use the letters in the WO field (refund or reimbursable) to tell the computer not to extract the transaction for passing to IWIMS.

(a) Direct Scheduled Work Order. This document authorizes work that generally does not require detailed planning. The following work classifications are used for direct scheduled work.

1 Emergency. Work required to eliminate an emergency condition within 24 hours of notification that is determined to the mission or reduces operational effectiveness.

2 Urgent. Work that is not an emergency, but must be responded to and completed, or materials ordered, within 7 calendar days of receipt. If materials are ordered, completion shall be within 7 calendar days after receipt of material.

3 Routine. Work that does not qualify as emergency or urgent work, but must be accomplished within 30 calendar days after identifying the requirement or receipt of material.

(b) Work Order. This authorizes work, which requires detailed planning, or capitalization of the real property records. The planner determines the scope, method, and type of resources and estimates the quantity of resources. The following priorities are used for planned work orders.

1 Priority 1 – Mission. Work in direct support of the overall mission that, if not done, would reduce operational effectiveness.

2 Priority 2 - Safeguard Life and Property – Work needed to give adequate security to areas subject to compromise; to eliminate health, fire, or safety hazards; or to protect valuable property or equipment.

3 Priority 3 - Support. Work that supports the mission or prevents a breakdown of essential operating or housekeeping functions.

4 Priority 4 – Necessary. Not qualifying for higher priority.

(9) Reimbursement/Refund Indicator (RRI) (Air Force Data Dictionary, ADE BA-079). The RRI is included, if applicable, in each work order master record in IWIMS. It identifies the work order as reimbursable or refundable. The assignment of the RRI is the responsibility of BCE.

(10) Transaction Identification Code (TRIC). This 3-letter alpha code is used in IWIMS to identify various types of transactions. The TRIC is assigned by A&F program NBQ160. Figure 53-1 identifies the Cost Descriptor (CD) relationship to the TRIC.

(11) Work Order Indicator (WOI). The WOI is a 1-letter alpha data element in the work order file (MWOA). It identifies the type of work order, and how the work is accomplished. Reference Air Force Data Dictionary, ADE WO-685.

b. Files.

(1) Cost Account File (UCAO). This IWIMS file creates a record for each cost account code used by the BCE cost accounting/integration subsystem. The file has records for BCE cost account codes, military family housing cost account codes, and statistical cost account codes by installation with summary records by control installation. Figure 53-2 identifies A&F input that updates the UCAO files.

(2) Rejected Transaction Suspense File (RTS). This IWIMS file has a record of materiel cost (CWM) transactions that did not pass IWIMS edits. The BCE Material Acquisitions ensures items are corrected promptly.

(3) Shop/Cost Center Working Logistic File (SWL). The SWL file has all the static data and time accounting information for each cost center. This file has the shop rate and is the source for the schedule of reimbursements and refunds (PCN SF022-451).

(4) Work Order Master File (MWOA). This file has all data (detail and summary) unique to each work order number, including collection work order numbers. IWIMS programs via input to the Work Order File (MWOA) update the file. Figure 53-2 identifies A&F input that updates the MWOA file.

(5) Work Order Shop File (MWCN). This file is established for each ATA cost center that does work by each work order number in the MWOA file and or for project contracts.

(6) Rejected Accounting Transaction (URAT). This IWIMS file has a record for each A&F interface transaction, which has not passed IWIMS edits. The BCE financial management section and A&F accounts control area ensure suspense items are promptly corrected.

53.3 DEFINITIONS.

a. Actual Cost Center Expenses (ACCE). These are total costs incurred in the day-to-day operations of a cost center and for determining shop rates.

b. Bench Stock. Bench stocks are common materiel items of use within a shop or cost center, and cannot be linked to a specific job. Unique work orders number 00001 is assigned to show bench stock purchases (e.g., nails).

c. Bulk Issues. Like bench stock, bulk stock materiel items (e.g., sand) are not tied to a specific job. Unique work order number 00003 is assigned to show bulk issue purchases.

d. Do-It-Now (DIN)--Craftsman and Vehicles. A DIN vehicle equipped with materiel and equipment for emergencies and manned by highly skilled craftsmen is dispatched for emergency (service) calls.

e. Donated Self-Help Labor or Materiel. Donated labor and self-help are synonymous terms. BCE checks all material or labor donated to enhance government property.

f. Loaned and Borrowed Personnel. Individuals can be loaned or borrowed only between shops within the same control installation. Dollar and hour transfers are made programmatically within IWIMS and no A&F actions are required.

g. Prime BEEF. The Base Engineer Emergency Force (BEEF) is a combined work force composed of trained military elements that respond to natural disasters or for direct combat support.

h. Red Horse. Red Horse is a self-contained and self-supported mobile unit. When immobile, the unit may be combined into their assigned base functions.

i. Structural Maintenance and Repair Team (SMART). SMART is a team of craftsmen with various skills who accomplish recurring minor maintenance and repair of high-use facilities (dormitories, dining halls, etc.).

j. Shop Rate. The shop rate is a dollar-per-hour value used to disburse all ACCEs incurred in the day-to-day operations of a cost center. Two factors are used to compute the shop rate: (1) projected ACCE for the fiscal year, and (2) the projected direct work hours to be used during the same period. The total projected ACCE divided by the total projected direct work hours is the shop rate. The shop rate is calculated monthly by program USRCALC.

k. Time Accounting. There are two methods of reporting work hours within IWIMS, Actual Time Accounting (ATA) and Exception Time Accounting (ETA). The BCE sends a letter to A&F, listing the ATA and ETA centers to permit assignment of the CD by A&F.

(1) ATA cost centers relate work hours to work orders. Labor hours of ATA cost centers are accumulated into more than one BCE cost account code. Each employee's hours are accounted for and reported as either direct (work orders) or indirect (military duty, leave, etc.). Indirect hours are accumulated without costs only for management purposes, while direct work hours are automatically extended by the shop rate to distribute all costs to the job for which direct work hours were expended. Thus, all related charges are distributed to each job to identify the individual total actual cost.

(2) The ETA cost centers usually relates to a single job; and the A&F RC/CC relates to a specific CE cost account code. For example, the specific costs for RC/CC XX4400, Base Civil Engineer, always directly relate to CE cost account code 10000. Since these expenses can be specifically identified, BCE mechanically records these costs directly to the proper CE cost account code.

l. Transaction-Out Records. These are the records created from the A&F transaction history records for civil engineer (IWIMS) processing. Each transaction-out record is reformatted with additional data by program NBQ165 to meet the requirements of IWIMS programs.

53.4 ESTABLISHING RECORDS AND CREATING TRANSACTION-OUT RECORDS.

a. Fund Summary Record (FSR). The FSRs established (section 12) for the BQ system, normally contains IWIMS data requirements. However, the CSI may be required in some existing FSRs. To provide additional data requirements see section 13, and establish a FSR for fund type T to record non-BCE transactions passed to IWIMS without updating A&F records. Use CSI B, COBY, CFY, and the predominant fund code for the control installation.

b. Program Summary Record (PSR). The PSRs established for the BQ system usually contain adequate data for IWIMS processing. PSRs are established by EEIC within each Civil Engineer RC/CC XX**XX (* = 4, D, M, or U), and XX5250 through XX5280. Normally, each BCE PSR must have CSI B and a cost descriptor. Guidelines for CSIs and CDs in PSRs are as follows:

(1) Fund Type A. Enter the CSI in the highest level record applicable solely to BCE expenses. Generally, this is the DSR, but the higher the level of records the less frequently the CSI code must be entered.

(2) Fund Type L, Prior OBY. Enter the CSI in the highest level record applicable only to BCE expenses. When PSRs on BCE prior year adjustments are separately shown by RC/CC 97**XX (* = 4, D, M, or U), enter the CSI in the PSR. Otherwise, enter the CSI in the DSR.

(3) Fund Type L, Current OBY. Enter the CSI in each PSR with a BCE RC/CC XX**XX (* = 4, D, M, or U), or XX5250 through XX5280. When it is not a BCE cost center and the third and fourth positions of the RC/CC are not 4, M, D, or U, the CSI must be in the highest level record applicable solely to BCE expenses. These transactions pass A&F edits, but are rejected by IWIMS programs. To update IWIMS, reenter the transaction with action code BT and correct RC/CC obtained from BCE. Exclude CSI for 6XX EEICs except 604, 618, and 624; also exclude EEICs 397, 514, 515, and 596.

(4) BCE RC/CCs. The BCE must identify each cost center as ATA or ETA prior to determining the CD for each BCE PSR. Furthermore, within each ATA cost center, the BCE must identify the EEICs used in the shop rate prior to determining the CD.

(a) Place CD "D" in each PSR for the ETA cost centers except EEICs that need work order identification. When BCE wants work order identification, place CD "W" in PSR or leave blank, and enter proper CD when recording individual transactions.

(b) Place CD "I" in PSRs for EEICs 2XX, 3XX, 511, 604, 618, and 624 when they apply to a cost center shop rate computation. The previous EEICs include data to be passed to BCE by the AFO. Other 6XX EEIC data is entered from CWM records or by online remote by BCE.

(c) Place CD "W" in PSRs for ATA cost centers where an EEIC is not used to compute shop rate costs; otherwise, leave blank. Each transaction with a CD of "W" for a PSR will need a work order number. If there is doubt about the work order number on the transaction, leave the CD blank. If there is a blank CD in the PSR, but an work order number is necessary in the transaction, place a CD "W" in the input with the work order number. This creates a DSR with a "W".

(d) The RC/CC loaded to a IWIMS PSR may relate to more than one PEC. To get a separation of accounting data by PEC (particularly personnel costs) and to total overall IWIMS costs by RC/CC, the last character of the RC/CC can be either alpha or numeric. Take care in selecting the alpha code letter by adhering to the following table:

IF THE 6TH DIGIT OF THE RC/CC IS	THE RELATED ALPHA CODE LETTER IS
1	A or J
2	B or K
3	C or L
4	D or M

5	E, N, or V
6	F or O
7	G or P
8	H or Q
9	I or R
0	S thru Z, except V

If it is necessary to break out a RC/CC code, e.g. XX4421, to three PECs, create two additional PSRs with RC/CC codes XX442A and XX442J, and a different PEC in each PSR. For A&F purposes, the three PSRs are treated as separate records. When any transactions citing the two PSRs with the alpha sixth position are selected for the IWIMS Daily Extract List, the sixth position of the RC/CC code is converted back to its numeric equivalent so that all IWIMS costs are accumulated under one numeric RC/CC. In this case, data for XX4421, XX442A, and or XX442J would be extracted as XX4421. Two additional PSRs may be created for each RC/CC code with the sixth position equal to 1-4 and 6-9. For a RC/CC code with the sixth position equal to five, three additional PSRs may be created. For a RC/CC code with the sixth position equal to zero, seven additional PSRs may be created.

c. Document Summary Records. By adding work order numbers in A&F transactions for IWIMS, increase the number of DSRs used in the BQ system. Normally, a DSR is created for each document number, but when an work order number is used with the document number, the DSR is created at work order number level.

d. Interface Control File (VBQ61J). This file names the BCE control installation code (base code) applicable to each allotment or operating budget financing expenses. These are to be accounted for in the IWIMS records loaded in the computer, which process the expense transactions. The same control installation code can apply to one or more OAC and OBAN-ASN combinations, and a single OAC and OBAN-ASN combination can apply to more than one control installation code. The file format is in paragraph 18.7.

(1) Identify each control installation code by linking the OBAN and the first two positions of the Responsibility Center (RC). The RC for the current OBY is the first two positions of the RC/CC for the civil engineer. For prior-OBY expense adjustments, the RC is the last two positions of the civil engineer prior-year expense adjustment RC/CC code 97**XX (* = 4, D, M, or U). Normally, the last

two positions of the prior-year expense adjustments RC/CC are the same as the DoD FC of the current operating budget year RC/CC. Do not use 97 in positions 7-8 of the VBQ61J file as a RC for any reason.

(2) Bases without multiple control installation codes within a single OBAN must make sure the last two positions of each civil engineer prior-year expense adjustment RC/CC identifies the appropriate RC code. For example: If the RC/CC in the PSR is 974432, the VBQ61J file must have 32 in positions 7-8.

(3) Bases with multiple control installation codes under a single OBAN must establish records identifying the unique RC for each control installation code.

(4) Include the unique RC for each control installation code in positions 7-8 of the proper VBQ61J record. When the RC applicable to a control installation code is the same for both current and prior operating budget year expenses, only one VBQ61J record needs to be established for each OBAN financing that control installation code. When the RC for the current operating budget is different from the RC for prior operating budget years, establish a separate VBQ61J file for each RC within each OBAN with the same control installation code.

(5) Each IWIMS interface control file record must have a B in position 2 and a T in position 15. However, if IWIMS cost accounting records for the control installation code are kept on a computer other than the computer on which A&F records are maintained, enter a C in position 15. The presence of a C produces records to send to the AFO of the IWIMS computer installation.

(6) Direct funded tenant transactions without a RC identifying the BCE need an Interface Control File (VBQ61J) record to extract records from A&F for IWIMS input.

e. BCE Control Center. If the BCE has more than one control center, make sure the BCE RC/CCs have been established per the table in DFAS-DE 7000.1-R. The RC/CC can be structured to allow identification of up to 16 centers. There is a programmatic relationship in the IWIMS/A&F interface between the A&F RC/CC and the control center used by the BCE for processing A&F transactions to IWIMS.

(1) Use prescribed combinations of 4, D, M, or U in the third and fourth positions of the RC/CC code to identify the BCE control center. For example: RC/CC XX4D63 identifies control center B.

(2) The first position of a work order number in the transaction is the control center. The BCE ensures the correct alphabetic control center code is used in their work order numbers.

53.5 PROCESSING A&F TRANSACTIONS FOR IWIMS.
The BCE makes sure the accounting classification on obligation documents reflects the RC/CC and, when applicable, work order number. The BCE also identifies work unit quantities when needed. A&F processes BCE transactions into the general A&F system, making sure a CSI of B is either input with the transaction or is present in the higher level record. A CD of " D or I " is input with the transaction or is present in the higher level record when an work order number is not used, and a CD of W is input with the transaction or is present in the higher level record when an work order number is used. Only Bal-IDs U and E (AEU and AEP) transactions will update IWIMS records.

a. Edits of Daily Input. When transactions are initially input, the computer edits Bal-IDs U and E transactions as follows:

(1) If the CSI is B, the CD must be alpha and not blank.

(2) If the CSI is B and the CD is W, the work order number field must be filled.

b. Work Order Number. Enter work order number in positions 104-109. BCE enters the work order number and dollar value for each applicable document.

c. Record Linkage. Data in a higher level record is included in the transaction-out. But data in a transaction that does not agree with a higher level record (FSR or PSR) rejects as incompatible data.

d. Materiel Obtained From Other Than AFSF Sources. BCE obtains materiel and supplies for their operations from non-AFSF sources including Contractor-Operated Civil Engineer Supply Store (COCESS), contractor-operated parts stores (COPARS), and through the Civil Engineer Materiel Acquisition System (CEMAS). Procedures for the financial establishment and operations of the COCESS and COPARS are in DFAS-DE 7010.2-R. BCE operation procedures for CEMAS are in AFCSM 32-202 and AFPAM 32-1004, volume 4. Specifically for COCESS and COPARS:

(1) BCE prepares and process IWIMS CWM records for each sales slip item received for the purchase or turn-in of materiel from the stores.

(2) BCE furnishes A&F a listing of COPARS sales slips, and a listing of COCESS sales slips at least weekly. The list identifies sales slip number, amount for each, and total amount. A&F enters the total amount as AEU citing EEIC 619 and RC/CC XX**80 (* = 4, D, M, or U).

(3) Each contractor sends an invoice with the original sales slips to the activity responsible for controlling the store at least monthly. After checking them over, this activity certifies that the invoice is complete, correct, and sends it to Contracting for review and certification that prices conform to the contract. Contracting sends invoice and original sales slips to A&F for a quick check of extensions and additions, verification of original sales slips against prior lists and payment.

(4) BCE puts changes in amounts to be paid contractors due to transportation or communication charges, extension errors, etc., into IWIMS. Changes made by A&F, because of errors or prompt payment discounts, are reported to the BCE (copy of voucher suffices for discounts) for entry into IWIMS. Errors on invoices or sales slips must be cleared with the BCE before payment.

(5) The AFO recommits the BDO balance based on the final monthly or quarterly summary listing of sales slips. This applies to both COCESS and COPARS operations and is really vital at FY-end.

(6) The BCE can obtain material and supplies from other than COCESS, COPARS, or CEMAS sources. The purchase of material is also entered into IWIMS through transaction processing, by the BCE. The BCE sends documentation to A&F to support these transactions. They are entered into EEIC 61X or 63X, as appropriate.

(7) Daily, the BCE signs PCN SF022-240, CEMAS Receipts for Accounting, for material obtained through CEMAS. This BCE-certified document is used by A&F as the receiving report to support payment to the vendor, and is attached to the AFO's retained copy of the disbursement voucher. Differences between PCN SF022-240 and the vendor's invoice must be cleared by the BCE before payment is made. The BCE enters the materiel totals from the **listing in IWIMS**.

e. Nonappropriated Fund Financed Contracts. All contracts by nonappropriated fund activities that improve government property are monitored by the BCE.

(1) A Work Order Accumulates Contractor Costs. Use action code BT to enter these costs. BCE gives AFO the data needed for the BT entry. Mark the A&F Extract List (PCN SH069-163) for these transactions to identify them from other correction entries for audit purposes.

(2) A collection work order accumulates BCE in-service support costs.

f. Service and Project Contracts.

(1) Contracts are obligated by A&F as specified by the contracting document.

(2) BCE sends engineering estimates of amounts accrued or percentage of completion on contracts as of the end of each month by receiving reports, certificates of services, or other approved documents.

(3) A&F enters the accruals based on documentation supplied by the BCE. Use the proper control center and work order number furnished by the BCE in recording the charges at the end of the month.

g. Utilities.

(1) Base-Produced Utilities. Costs for base-produced utilities are charged to the proper BCE cost center in the A&F system. When these costs are reimbursable for MFH or other reimbursable customers:

(a) The BCE transfers reimbursable work and direct material issues from **nonreimbursable** to reimbursable work orders. BCE makes the transfer within IWIMS. The transferred reimbursable work order costs appear on the schedule of reimbursements and refunds (PCN SF022-451).

(b) Nonshop rate, nonstock fund, direct material reimbursable costs are not transferable within IWIMS. These costs are figured by BCE. They give the AFO, in writing, the amount, type of cost, and work order involved. A&F inputs two offsetting transactions in RC/CC XX**XX (* = 4, D, M, or U), crediting the nonreimbursable work order and charging the reimbursable work order, using MAFR code A. Both entries require CSI "B" and CD "W". The transactions (CCC, CCO, or CCS) generated are passed to IWIMS and appear on the schedule of reimbursements and refunds (paragraph 53.9f).

(c) SFs 1080, Voucher for Transfers Between Appropriations and or Funds, or AF Form 819, Invoice/Claim, for reimbursements of base-produced utilities are processed as part of the monthly billing, based on the schedule of reimbursements and refunds produced by IWIMS. Reference DFAS-DE 7010.2-R.

(2) Contract Accruals--Purchased Utilities.

(a) Use actual costs shown on utility invoices when billing period ends in current accounting month.

(b) When invoices are not available, the BCE gives A&F estimates for recording costs in current month.

(c) Where invoices are for a period beginning in one month and ending in another, all costs are charged to the month in which the billing period ends. The BCE excludes estimates of costs for services received between the ending billing date, and end of accounting month. When invoices begin in one FY and end in another, the entire amount is charged to the funds current at the end of the billing period.

(d) When utility accruals for MFH are direct-fund cited:

1 Use post code XU when DSR has been established.

2 Address the PSR and FSR when post code is XE or DSR, and PSR when post code is XU for fund type A, fund code 83.

3 Enter applicable 3-digit EEIC (generally 480 in field 11).

4 Enter the BCE RC/CC in field 14.

5 Enter the WO in field 20.

(e) If accrual was established for MFH, enter AEP using the same date, action code "XP," or "RD," and post code "UE".

(3) Reimbursable Purchased Utilities--Nonappropriated Funds and Individuals. To pass these transactions to IWIMS for later inclusion in the schedule of reimbursements and refunds. When reimbursable transactions have extremely high volume, the BCE may enter reimbursable costs internally, outside IWIMS program. The non-IWIMS procedures:

(a) Provide full disclosure of reimbursable costs.

(b) Allows A&F to establish accounts receivable records at the proper level in the accounting system.

(c) Allows A&F to identify specific customers for billing and collection purposes.

h. BCE Costs Funded to Other Support Activities.

(1) BCE must report all costs applicable to their function, even though they are not funded by the BCE. These costs should be passed to IWIMS, citing the funded RC/CC. IWIMS programs reject these transactions and A&F must reenter using a BT correction entry (figure 53-3).

(2) There are times when input of transactions by fund type T is impractical (RC/CC XX4499 is not applicable). BCE identifies the proper collection WO, and BCE cost centers to update IWIMS without impacting on A&F records. Enter such transactions as a BT correction entry (figure 53-3).

(3) Occasionally, a support activity may process vouchers affecting IWIMS without knowledge of the BCE. Alert action by A&F can prevent possible exceeding of ceilings or thresholds if BCE is told of the transaction before it is processed by A&F.

53.6 A&F--DAILY PROCESSING.
A daily extract for IWIMS is produced automatically during EOD processing from the Daily Transaction Tape File. A&F transactions with a CSI of B and Bal-ID of U or E are selected for IWIMS processing. Figure 53-4 reflects the flow of daily processing for IWIMS.

a. The A&F IWIMS Extract List (PCN SH060-163) is a one part list (figure 53-5) of all transactions extracted for IWIMS from the A&F daily transaction file. It is sorted by control installation code within AFO code. Rejected transactions are listed, followed by accepted valid transactions. Transactions are listed within each control installation code, and AFO-ID code with a net aggregate of dollar amounts. A recap of valid and rejected transaction dollar amounts is on the last page for each AFO. The last page of this list will also identify the sequence number of the ABQ16A. This information is printed on the bottom right side of the page. IWIMS uses this information to identify any ABQ16A file not processed by the IWIMS system.

(1) A 1-letter alpha error code prints for rejected line items. This code tells which edit the transaction failed to pass. Only the first applicable error code prints for correction input. A&F checks and corrects all data elements on rejected input to avoid further rejects.

PCN SH069-163

ERROR CODE	DEFINITION
B	Invalid change code; must be E in position 113, field 23.
C	Invalid transaction identifier code; i.e., not CCC, CCD, CCI, CCN, CCO, or CCS in positions 110-112, field 23.
D	RC/CC is blank or incomplete.

E Where the CSI B is loaded in the Base Variable File, there was no distribution control code (C = record output, T = tape output) loaded in VBQ61J.

(2) Error codes B and C apply only to correction input.

(3) Error codes A, D, and E apply to both correction input and the Daily Transaction History File. When these codes are on a record extracted from the Daily Transaction History File, the PSRA, DSRA, and Bal-ID code are shown. This speeds up correction of errors over the remote.

(4) A&F receives two copies of the A&F IWIMS Extract List, PCN SH069-163.

(a) Keep the original for error research, correction, and reenter; for reconciliation with the BCE Integrated Transaction List, PCN SF022-467; and for supporting a manual control log (paragraph 53.8).

(b) Send the duplicate to the BCE financial management section to control their processing.

b. Bad transactions are listed in the reject portion of the extract list. The error codes are shown under the ERR-ID column to the left of the PSRA column. Correction actions are as follows:

ERROR CODE	A&F CORRECTION ACTION REQUIRED (PCN SH069-163)
A	Use the most current Base Variable List (PCN SH069-612) to research error. Delete the invalid data and enter the valid data or insert the missing data, as appropriate.
B	Change invalid code to E.
C	CCN is assigned if RC/CC equals XXXX99 and EEIC equals 2XX, 3XX, 511XX, or 512XX.

CCD is assigned if cost descriptor is "D".
CCI is assigned if cost descriptor is "I".
CCC is assigned if EEIC is 52X or any BAAN number, and cost descriptor is "W". CCS is assigned if EEIC is 463 or 5XX (excluding 511XX, 512XX, 513XX, 514XX, and 52XXX) and cost descriptor is "W".

CCO is assigned when none of the previous conditions are met.

When A&F database and amount are correct, process a BT correction entry (figure 53-3).

When the data elements in the A&F files are incorrect, and the money amount is correct, process a QD (change DSR) correction.

a. Use the QD correction method only when the dollar amount in the rejected transaction is equal to the dollar amount in the DSR. If they are unequal, do not use the QD method. If the transaction is still in a DSR on the disk file, enter a QD post code to load the correct data element in the DSR. The computer creates two transactions out; one to reverse the original DSR image (including dollar amount), and one to establish the correct DSR data image (including dollar amount).

ERROR CODE	A&F CORRECTION ACTION REQUIRED (PCN SH069-163)
C (cont'd)	b. Enter two transactions through the remote device when the QD cannot be used. One to reverse the transaction with the erroneous data element (use the dollar amount in the rejected transaction), and a second to reestablish the transaction with the correct data element (use the dollar amount in the rejected transaction). In both entries, use MAFR code A.
D	Enter Complete RC/CC: a. Fund Type L, Fund Type A (Fund Code 29): (1) AEP Transactions. Use BT correction entry to reenter the transactions placing the RC/CC in the proper positions. (2) AEU Transactions. Use the QD method to enter the RC/CC in the DSR. After the QD action, use a QP to place the RC/CC in the PSR. b. Other Fund Type/Fund Code Combinations: (1) AEP Transactions. Use BT correction entry to reenter the transactions placing the RC/CC in the proper positions. (2) AEU Transactions. Use the QD method to place the RC/CC in the DSR.
E	Enter distribution control code in the Base Variable File. Delete all invalid data, and input the correct or missing data.

c. A&F annotates the A&F IWIMS extract list with the correct data elements and files the list for reconciliation to the BCE Integrated Transaction List (PCN SF 022-467), when required.

d. The summary record addresses in the A&F IWIMS Extract List permit remote inquiry for the current status of transactions in AEU stage at the time of the original extract for IWIMS. The Bal-ID on the listing helps to determine the status of the transaction when first extracted to IWIMS.

e. During A&F EOD processing, program NBQ165 produces the A&F IWIMS Extract List for each AFO. In addition, a consolidated list is generated for the "low value" site code within each AFO. If there

are no IWIMS transactions to process, a negative report will be produced. See figure 53-5.

53.7 IWIMS--DAILY PROCESSING.
BCE retrieves the A&F daily Transaction File for processing into IWIMS. When A&F extracted transactions are processed by IWIMS, some may reject. See figure 53-6 for error codes.

a. BCE financial management section gives A&F a copy of the BCE Integrated Transaction List (PCN SF022-467) for research, corrective action, and remote input to the next A&F daily extract (see figure 53-7). The error messages and meanings are in figure 53-6.

b. The Integrated Transaction List is marked by BCE financial management for error codes A, B, C, C01, and C02 identifying which data elements are in error. Also, any BCE compatibility error messages are annotated with correct data.

c. A&F identifies necessary corrective action and reenters the transactions. The DMC gives A&F an advance copy of the Integrated Transaction List to review before they get the BCE annotated copy.

d. The error codes and the edit checks shown in figures 53-6 and 53-7 give reject reason codes. If necessary, refer to the original source document from which A&F created the transaction.

(1) If the original source document (AF Form 9, MORD, P.O., etc.) has the same indicative data as that in the DSR, no further action is required by A&F. BCE must update IWIMS or take action to change the indicative data on the original source document.

(2) If the original source document is valid and the DSR does not match the source document, the PC must reverse the original entry and reenter the transaction with valid data. BT transactions may be used for inactive DSRs.

e. Annotate the BCE Integrated Transaction List (PCN SF022-467) with the correct data, and the date the correction was reentered.

f. File the BCE Integrated Transaction List as backup for the manual control log (paragraph 53.8).

g. Use the same correction procedures as in paragraph 53.6a.

53.8 DAILY A&F RECONCILIATION OF NONMATERIEL TRANSACTIONS.
Dollar data from the A&F system are passed to IWIMS and A&F ensure both systems are updated and remain in balance. A&F keeps adequate manual control over daily transactions to ensure daily reconciliation.

a. A&F Responsibility. Reports and Analysis Division controls the flow of transaction corrections between the AFO and the BCE.

Corrected transactions are processed into the system prior to month-end closeout. Reports and Analysis Division monitors and suspense applicable listings to the PCs as necessary. Corrections must be made and recycled within 2 work days. (**NOTE**: Errors on the last day of the accounting month must be made NLT the third work day of the next accounting month.) The BCE financial management section must ensure erroneous transactions and proper corrections are returned to the AFO early enough to be reprocessed through the system before monthend closeout.

(1) A&F checks and corrects transactions on the Rejected Transaction List (PCN SF022-467), which cite CCX error codes D through K.

(2) A&F annotates the corrections on the Integrated Transaction List provided by BCE for all appropriate corrections.

(3) Rejects generated by IWIMS programs may require a reversal of the rejected transaction from the AFO files if the transaction had cleared AFO edits and updated AFO records before being rejected by IWIMS (e.g., wrong work order number or RC/CC). The AFO reenters corrected data for CCC, CCS, CCO, CCN, CCD, and CCI transactions by the remote using the reverse-post procedures. If a rejected transaction updates AFO records before it is rejected by IWIMS and the corrected data does not affect AFO records, use the BT transaction reverse-post procedures (figure 53-3). Transactions, which reverse post erroneous data, must be identical to the transaction that rejected except the post code will be the reverse of the rejected transaction.

(4) Sometimes, it is necessary to correct cost data even though the transaction passed both the AFO and IWIMS edits. To correct, use the reverse-post procedures.

b. Corrections. Adequate control over rejects and prompt correction and reenter by A&F are essential. When possible, follow these timetables:

(1) A&F IWIMS Extract List, SH069-163. A&F picks it up from production control in the DMC NLT 0830 daily.

(2) A&F Extract Rejects. A&F reenters corrective transactions NLT the next day's business.

(3) BCE Integrated Transaction List, PCN SF022-467. BCE E-Mails the list to the AFO NLT 1300 hours on the next duty day after the as-of-date on the product. The DMC distributes a single advance copy of the listing to A&F. This allows A&F to check the rejects before receipt of the marked copy from the BCE.

(4) IWIMS Rejects. A&F reenters corrective transactions NLT the next day's business.

c. BCE Responsibility. See AFPAM 32-1003, volume 3 Working in Resources Flight, Financial Management, for specific responsibilities.

d. Adequate Control and Audit Trail.

(1) Use the manual control log and reconciliation work sheet until you are completely experienced with the integrated system (figures 53-8 through 53-10).

(2) Annotate the A&F IWIMS Extract List to identify the action taken for each rejected transaction.

(3) Annotate the BCE Integrated Transaction List to identify the action taken for each rejected transaction.

53.9 SYSTEMS INTERFACE PROCESSING.
The SBSS, Civilian Pay System, Base-Level Military Personnel System (BLMPS), and IWIMS input data to the BQ system. The data is input by SBSS monthly; the Civilian Pay System each pay period, and BLMPS and IWIMS monthly. Biweekly input from civilian pay and monthly input from the SBSS and BLMPS are explained in sections 46, 47, and 48. The C, E, and P position 1 expense records, produced by these systems, update allotment or operating budget records for the CE as well as other activities. The following paragraphs describe input to BQ from the SBSS and IWIMS. All SBSS output is in record form.

a. Automated Materiel System Input. When the BCE materiel documents are processed, the SBSS accumulates issues and turn-ins of materiel transactions for expensing to the BCE organizations. The data is accumulated in the organization record by EEIC under RC/CC XX**80 (** = 4, D, M, or U). The organization sends data to A&F at least at EOM on a tape with E position 1 records for processing. During SBSS EOD processing, BCE materiel transaction records (CWM) are output to the Civil Engineer for entering/processing into IWIMS. All processed transaction is printed on the PCN SF022-466, BCE Material Transaction List. A&F processes E position 1 records, and BCE processes CWM records through the last workday of each accounting month.

b. IWIMS Cost Distribution File. At least monthly, IWIMS sends the AWIP2T file for processing in the system. The purpose of the this file is to move costs between BCE cost centers. The transactions move cost out of the holding account, RC/CC XX**80 (** = 4, D, M, or U), and into other BCE cost centers. IWIMS uses the shop code in their transaction record to assign the related last two positions of the RC/CC (figures 53-12 and 53-13). In some incidents,

cost is also moved between EEICs. At no time should the processed transactions ever change total obligations.

c. A&F Batch Processing. DFAS Interface program (NBQI00) processes the IWIMS Materiel File (paragraph b) transactions to transfer the materiel expenses from the clearing account (XX**80) into BCE detail organization RC/CCs. The program assigns Doc-ID MAT DIST to identify these transactions for EEICs 6xx, along with appropriate EEICs for service contracts, rental, construction, etc., and is created with "Z" as the PC code for the EOD batch process, or alternate to remote reject or pass list.

d. Correction of Rejected Transactions. A&F obtains the batch processing or alternate to remote reject or pass list, and a pseudo remote list identifying the EOM processing of the IWIMS and A&F interface. (See paragraphs 45.6 and 45.8). Since a reject may occur on either of these lists, A&F takes corrective action and reenters the corrected data.

e. Monthly Cutoff Dates. A&F, with help from BCE, sets monthly cutoff dates to ensure the last IWIMS input generated by A&F shows all rejects has been either cleared or corrected. If rejects are not cleared or corrected, annotate the listings for the monthly reconciliation of costs in A&F and BCE.

(1) A&F Extracts. The cutoff date for transactions to be included in the A&F daily extract to BCE is the last calendar day of each month. Any civil engineer transactions entered into the A&F system after that date, regardless of the effective date in the transaction, will update IWIMS files for the new current month only. Prior adjustment transactions entered into the A&F system after the last calendar day of the month must be considered when reconciling differences.

(2) End-of-Month Processing Sequence. A&F begins EOM processing after informing BCE that later extracts are to be input as next month's business after BCE has completed their EOM processing. Give this information orally.

(3) BCE End-of-Month Processing. BCE input to A&F is materiel cost distributions (AWIP2T/2P) from IWIMS processing of the CWM transactions. This file is the source for IWIMS materiel interface with the BQ system.

(4) Manual Procedures. If BCE has produced the materiel distribution file, process the A&F and IWIMS materiel interface before the base operating budget status reports and monthly management reports. If it is not possible to process the tape before the status reports, the amounts recorded in DoD FC 12 must be manually redistributed to DoD FC 9, 10, or 12. The manual

distribution will be computed based on the ratios of fund codes 9, 10, and 12 to the total cumulative amounts. This is necessary to remain within the real property maintenance limitation.

(5) Output. The A&F and IWIMS materiel processing produces a reject or pass list, and tape used to update the A&F file (paragraph 45.12).

(6) Yearend Processing. At yearend, the materiel distribution file (AWIP2T) must be processed before the status reports to ensure obligations are charged to the proper functional category. The processing must be accelerated to avoid numerous rejects after the records have been converted.

f. Reimbursement and Refund Transactions. A IWIMS program produces a three part (figure 53-14) schedule of reimbursements and refunds (PCN SF022-451) monthly. This processing assists A&F in billing identified customers for services performed by BCE per DFAS-DE 7010.2-R. The three parts contains the following information:

(1) Part I. This is a Detail Audit List of the charges against reimbursable and refundable work orders, and cost centers by control center, control installation, cost account, organization code, work order number, RC/CC, and EEIC. This is prepared for each RRI, which had costs.

(2) Part II. This has both current month and cumulative fiscal year costs. The current month data is for AFO use in posting reimbursements and refunds. It is prepared for each RRI and is summarized by EEIC and DoD FC. The relationship between the DoD FC and RC/CC is as follows:

DoD FC	RC/CC
09	XX440E
10	XX440N
11	XX440V
12	XX4405

Whenever dollar amounts are manually changed, inform the AFO with written justification from BCE for the change to support the schedule and billing documents.

(3) Part III. This part is for BCE use only.

g. Operating Budget Ledger (OBL) and Allotment Ledger (AL) Extracts. On a standing or recurring basis, the BCE will request EOM extracts of civil engineer financial data from the allotment and operating budget ledgers. BCE personnel will use the data to prepare BCE reports to satisfy the financial requirements for the IWIMS. The

EOM extract must be provided as soon as possible to allow BCE personnel sufficient time to prepare timely reports. On an optional basis, and as mutually agreed between the AFO and BCE, extracts may be provided as needed during the month for the purpose of reviewing fund status.

53.10 PROCESSING REIMBURSABLE AND REFUNDABLE TRANSACTIONS.

a. EEIC Identification. Charge the customers' funds with the EEIC shown on the PCN SF022--451. Credit BCE funds with the same EEICs. If the schedule of reimbursements and refunds (PCN SF022-451) identifies EEIC 39701, then both the credit and charge will cite 39701. These procedures also apply to the processing of estimates of current month obligations provided by the BCE via letter or other documentation. Use EEIC 39701 for employee earnings and overtime (EEICs 391/392) for both the charge and the reimbursable credit, and EEIC 39702 for government contributions (EEIC 393). The EXCEPTIONS are as follows:

(1) Medical Activities. Summarize all EEICs and record charge and credit to 596 (RRI F).

(2) Defense Business Operations Fund (DBOF). BCE identifies costs for DBOF on the schedule and is required to identify costs for utilities furnished to DBOF separately. Summarize utility costs and charge EEIC 480.XX. Summarize all other costs for DBOF and charge to EEIC 521. Reimburse the EEICs shown on the schedule.

(3) Air Force Reserves. Summarize all EEICs and charge 592. Reimburse the EEICs shown on the schedule.

(4) Non-AF Customers. Summarize all EEICs and charge accounting data as required by the non-AF customer. Reimburse the EEICs shown on the schedule.

(5) Base-Produced Utilities (BPU) for MFH. The BCE financial manager will identify those work orders listed in Part I of the Schedule of Reimbursements and Refunds, which pertain to BPU for MFH. Add up all the identified BPU MFH costs from Part I by each 513.XX EEIC and charge the MFH appropriation using EEIC 513.XX. From the gross EEIC totals in Part II, subtract the BPU MFH EEIC amounts in Part I. This will leave a net amount for each EEIC, which will be shown when the MFH appropriation is charged. The credits to the O&M appropriation will cite the EEICs in Part II in the gross amounts printed on the schedule.

b. RC/CC Identification.

(1) Refunds. Record credits to BCE funds to the cost centers that gave the service. In the work order number field (paragraph

53.2a(8)), enter REFUND to keep the record from being passed to IWIMS. The exception is medical activities. To identify which BCE cost account codes, citing RRI code F (medical activities), are for the proper RC/CC, use this logic:

IF DoD FC IS		THE APPLICABLE RC/CC IS
09	Utilities	XX5250
10	Maintenance Real Property	XX5260
11	Minor Construction	XX5270
12	Other Support	XX5280

(2) Reimbursements. Show productive indirect work separately (EEIC, 397.02), when billing MFH.

c. Reimbursement for Military Personnel Costs. Costs of military personnel services to federal (non-DoD) and nonfederal customers must be recovered per DFAS-DE 7010.1-R. Since the reimbursement and refund schedule does not separate officer and enlisted costs, the enlisted acceleration rates must be used for reimbursements. Nonfederal customers include individual members of the armed forces and their dependents, and civil service employees. SF 1080 or AF Form 819, must include all costs identified on the schedule of reimbursements and refunds, or other BCE documentation, as well as the accelerated amounts computed by A&F, and entered by appropriation and receipt accounts per DFAS-DE 7010.1-R.

d. Functional Category Codes. Reimbursements and refunds are posted to the proper functional category codes shown in part II of the Schedule of Reimbursements and Refunds. Both real property maintenance (DoD FC 10) and minor construction (DoD FC 11) costs are charged to DoD FC 10 by IWIMS and reported as such on the RCS HAF-LEE(SA)7101/7102. Credits to DoD FC 11 are shown on the Schedule of Reimbursements and Refunds and should be also recorded. Only credit balances are reported for DoD FC 11 under XX44XX RC/CC codes in the Status of Funds Data Base Transmission, RCS HAF-ACF(AR)7801. HQ USAF/LEE corrects the IWIMS charges in departmental-level reports by adjusting DoD FC 10 to 11.

TRIC/COST DESCRIPTOR RELATIONSHIP

BCE TRIC	COST DESCRIPTOR	EEIC
CCD	D	Must be 2XX, 3XX, 4XX, 511XX, 512XX, 592XX, 598XX, 6XX, and 642XX, or 716XX.
CCI	I	Must be 2XX, 3XX, 4XX, 511XX, 512XX, 592XX, 598XX, 6XX (except 641XX), and 642XX, or 716XX.
CCC	W	52XXX or BAAN number must be Alphanumeric with first three positions of this field being blank.
CCS	W	463, 5XX (excluding 511XX, 512XX, 513XX, 514XX, and 52XXX).
CCO	W	All other.

Figure 53-1. TRIC/Cost Descriptor Relationship.

ACCOUNTING AND FINANCE BASE CIVIL ENGINEER

	WORK ORDER FILES (MWOA)	COST ACCOUNT FILES (CAO)	TRANSACTION HISTORY (THF)
Cost Center Expense by EEIC			
1. Work Order Charges (Actual Time Accounting Cost Center, ATA)	-----Update----------	Update----------	Update
2. Direct Cost Account Code Charges (Exception Time Accounting Cost Center, ETA)	----------	Update----------	Update
3. Indirect Charges (Accrued Time Accounting Cost Center, ATA)	----------	----------	Update (Shop Rate Analysis)

Figure 53-2. General Flow of Expenses from General A&F System to IWIMS.

BT CORRECTION FORMAT

FIELD DESCRIPTION	FIELD NUMBER	TR POSITIONS	SPECIAL INSTRUCTIONS
Action Code	1	1-3	Always BT.
PSRA/FSRA	2	4-10	
FSRA	3	11-17	
Post Code	4	18-19	
Amount	5	20-29	
Document Number	6	35-48	
CSI	12	71	
CD	12	72	
Order Date	20	104-109	
Transaction-ID	23	110-112	
Change Code	23	113	
Quantity	24	114-120	Right-justified, zero-fill.
Effective Date	26	121-124	

Figure 53-3. IWIMS Correction Format.

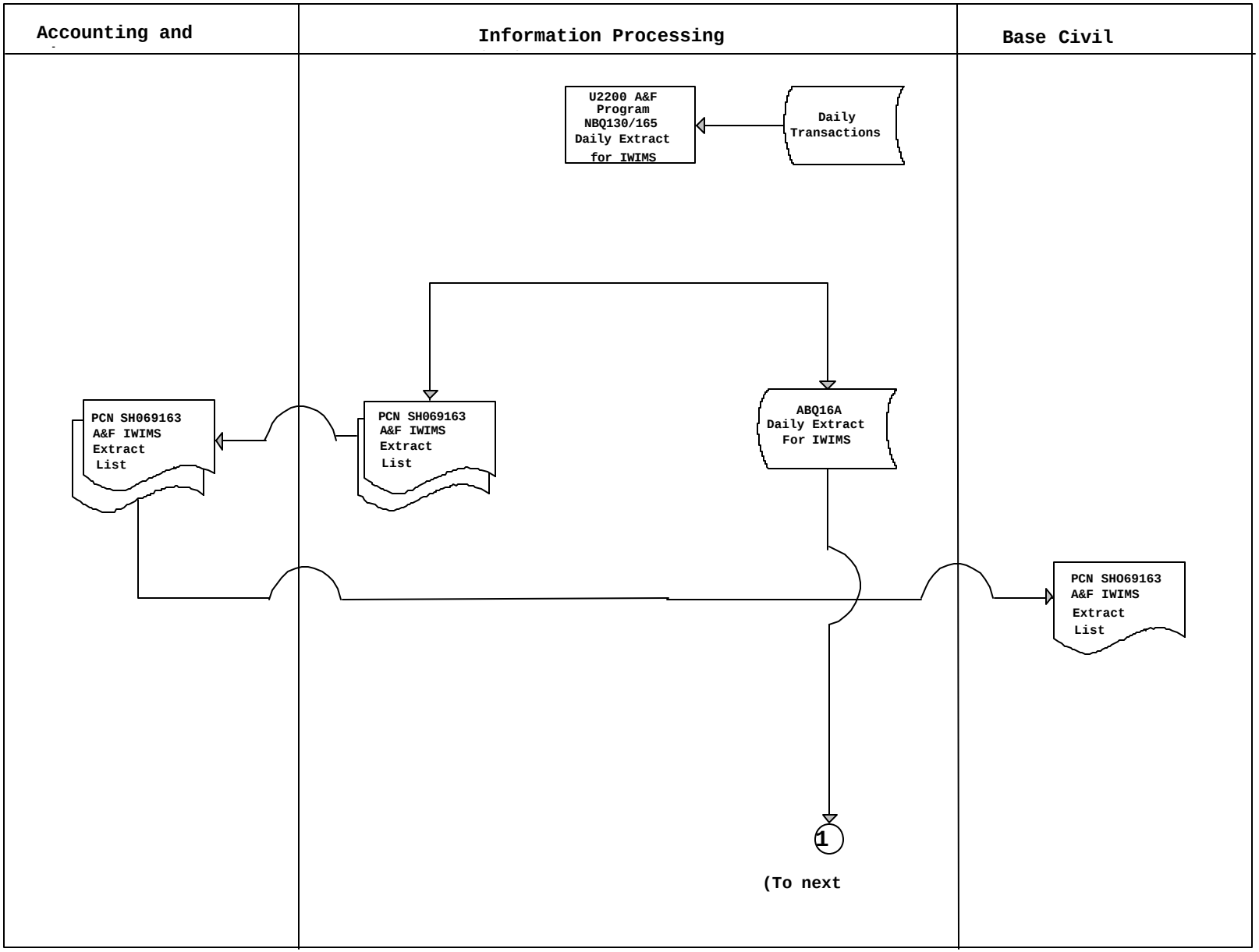
Accounting and
Information Processing
Base Civil
U2200 A&F Program NBQ130/165 Daily Extract for IWIMS
Daily Transactions
PCN SH069163 A&F IWIMS Extract List
PCN SH069163 A&F IWIMS Extract List
ABQ16A Daily Extract For IWIMS
PCN SHO69163 A&F IWIMS Extract List
1
(To next

Figure 53-4. Accounting and Finance Daily Processing--Extract for IWIMS.

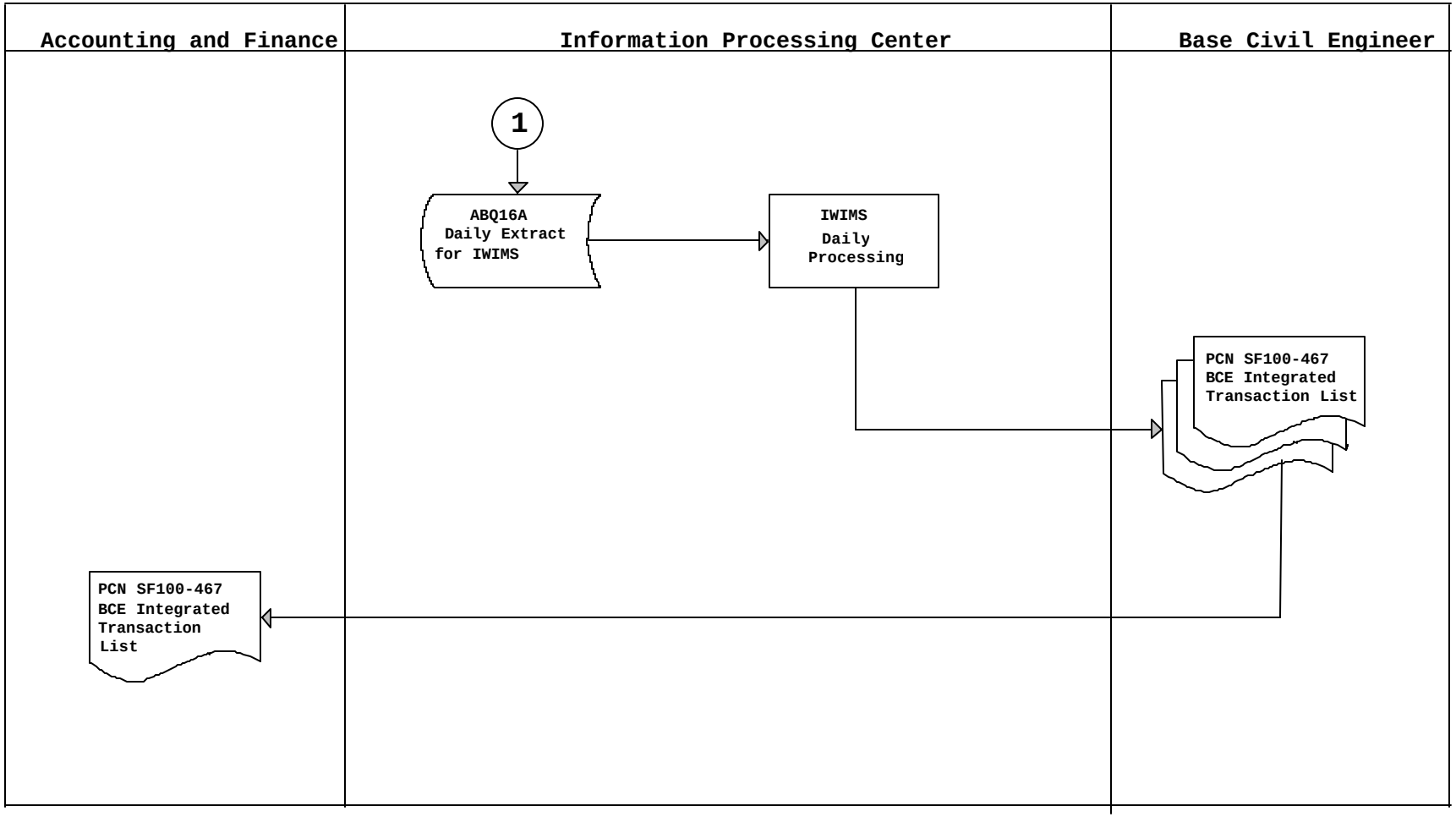

Figure 53-4. Accounting and Finance Daily Processing--Extract for IWIMS. (Cont'd)

PREPARED 99 JUN 04 18:36 A&F IWIMS EXTRACT LIST AS OF 99 MAY 26 PCN SH069-163
OFFUTT AFB NE ADSN 525700 ACTIVITY: OFFUTT AFB NE

AFO/INSTL SITE	CODE	CD	TRIC	CTL CNT	WORK ORDER	OAC OBAN	FUND CODE	EEIC BAAN	RC/CC	YR	YR	DOCUMENT NUMBER	EFF DATE	QTY	AMOUNT	ERR ID	FSRA/ PSRA	PSRA/ DSRA	BAL ID
0	38					7879	30	408	234442	3	3		3146	.00	508.00	B	F000481	P003748	U
0	38					7879	30	408	234491	3	3		3146	.00	290.00-	B	F000481	P010793	U
0	38					7879	30	409	234491	3	3		3146	.00	926.00-	B	F000481	P010760	U
0	38					7879	ZW	52720	234430		3		3146	.00	4,477.63-	B	F000902	P011574	U
0	38					7879	ZW	52720	234430		3		3146	.00	34,806.73-	B	F000902	P011574	U
0	38					7879	30	592	234491	3	3		3146	.00	825.00-	B	F000481	P010812	U
0	38					7879	30	392	234417	3	3	JVA93033	3146	.00	4,754.40	B	F000584	P002996	E
0	38					7879	30	392BD	234417	3	3	JVA93033	3146	.00	4,754.40-	B	F000584	P016634	E
0	38					7879	30	393	234417	3	3	JVA93033	3146	.00	981.75	B	F000584	P002999	E
0	38					7879	30	393BD	234417	3	3	JVA93033	3146	.00	981.75-	B	F000584	P016640	E
0	38					7879	ZW	52720	234430		3	SM03777D	3146	.00	4,477.63	B	F000902	P011574	U
0	38					7879	ZW	52720	234430		3	SM03777E	3146	.00	34,806.73	B	F000902	P011574	U
0	38					7879	30	409	234442	3	3	503 T0031225	3145	.00	145.00	B	F000481	P003750	E
0	38					7879	30	409	234491	3	3	509 T0031331	3146	.00	1,090.80	B	F000481	P010760	E
0	38			A	62611	7879	ZW	52720	234442		3		3146	.00	1,403.29	B	F000902	P012742	U
0	38			A	62611	7879	ZW	52720	234442		3		3146	.00	1,403.29-	B	F000902	P012742	U
0	38			A	76668	7879	30	522	234441	3	1		3145	.00	11,195.00	B	F000573	P008986	U
0	38			A	77025	7879	89	CM1	234451		2		3145	.00	35,888.88	B	F000353	P014740	U
0	38			A	77025	7879	89	CM1	234451		2		3145	.00	92,933.27-	B	F000353	P014740	U
0	38			A	77036	7879	89	CM2	234451		8	SM03777A	3146	.00	1,432.37	B	F000083	P006292	E
0	38			A	77037	7879	89	CM2	234451		2	SM03777A	3146	.00	1,440.24	B	F000032	P003813	E
0	38			A	77038	7879	89	CM1	234451		2	SM03777A	3146	.00	1,491.06	B	F000353	P014740	E
0	38			A	77153	7879	83	53330	234493		3		3145	.00	17,294.40	B	F000622	P003468	U

Figure 53-5. A&F IWIMS Extract List.

ERROR CODES
BCE INTEGRATED TRANSACTION LIST

IWIMS ERROR CODE MESSAGES	DESCRIPTION
A	Control installation code must be alpha.
B	Control center must be A - Q, less I.
C	Work order number must be numeric or blank.
C01	Work order number must be greater than 00010 for CCC, CCN, CCO, and CCS.
C02	Work order number must be blank for CCD and CCI.
D	Effective date must be numeric.
E	Document number must not be blank.
F01	EEIC must be 4XXXX (except 403XX), 513XX, 514XX, 6XXXX, or 716XX for CCO.
F02	EEIC must be 2XXXX, 3XXXX, 4XXXX, 51XX, or 512XX for CCN.
F03	EEIC must be 2XXXX, 3XXXX, 4XXXX, 511XX, 512XX, 592XX, 598XX, 6XXXX (except 641 and 642), or 716 for CCD or CCI.
F04	EEIC must be 42X or blank in first three positions.
F05	EEIC must be 5XX (excluding 511XX, 512XX, 514XX, 52XX) or 463XX for CCS.
G01	For CCC, CCO, or CCS, quantity must be numeric or blank.
G02	For CCN with EEICs 2XXXX, 3XXXX, or 511XX, quantity must be numeric.
H01	RC/CC must be XX*99 for CCN.

Figure 53-6. Error Codes--BCE Integrated Transaction List.

IWIMS ERROR CODE MESSAGES	DESCRIPTION
H02	RC/CC must be XX*XX for CCD or CCI.
I	Cost descriptor must be D, I, or W.
I01	Cost descriptor must be D for CCD.
I02	Cost descriptor must be I for CCI.
I03	Cost descriptor must be W for CCC, CCN, CCO, or CCS.
J	Operating budget year must be numeric or blank.
K	Amount must be numeric.

Figure 53-6. Error Codes--BCE Integrated Transaction List. (Cont'd)

PREPARED 99 NOV BCE INTEGRATED TRANSACTION LIST AS OF 99 OCT 31 PCN SF022-467

INSTALLATION: BURLINGTON GAP LO REJECTED TRANSACTIONS CMD ATC

TRANS IDENT	CONTROL INSTL	C	WORK ORDER	EFF DATE	DOCUMENT NUMBER	EEIC BAAN	QUANTITY	CST RC/CC	AFO DES	FUND CODE	OAC	OB OBAN	F Y	COST AMOUNT	A&F NR	SEQ & DATE	REJECT DATE
NON-BCE AND FAMILY HOUSING COST:																	
CCN	CURS	A	12345	2041	MAT CTL TEST	20000	1230	254499	W	0	30	78 15	3	$.50	000	0000	830930
	REJ: NO RECORD FOUND WCN (CURSA12345499)																
	REJ-NR 0815 RAT CREATED																
CCN	CURS	A	12345	2041	MAT CTL TEST	20000	1230	254499	W	0	30	78 15	3	$.25-	000	0000	030930
	REJ: NO RECORD FOUND WCN (CURSA12345499)																
	REJ-NR 0817 RAT CREATED																
NON-BCE AND FAMILY HOUSING COSTS:					NUMBER AND AMOUNT OF REJECTED TRANSACTIONS								2	$.25			
PURCHASE UTILITIES-RENTALS-TDY-ETC-COST:																	
CC0	CURS	A	12345	2041	MAT CTL TEST	40000	0	254452	W	0	30	78 15	3	$.30	002	0000	030930
	FEJ: NO RECORD FOUND WCN (CURSA12345452)																
	REJ-NR 0819 RAT CREATED																
CCO	CURS	A	12345	2041	MAT CTL TEST	40000	0	254452	W	0	30	78 15	3	$.15-	002	0000	030930
	REJ: NO RECORD FOUND WCN (CURSA12345452)																
	REJ-NR 0820 RAT CREATED																
PURCHASE UTILITIES-RENTALS-TDY-ETC COST:					NUMBER AND AMOUNT OF REJECTED TRANSACTIONS:								2	$.15			
SERVICE CONTRACT COST:																	
CCS	CURS	A	12345	2041	MAT CTL TEST	463	0	254452	W	0	30	78 15	3	$.10-	000	0000	030930
	REJ: NO RECORD FOUND WCN (CURSA12345452)																
	REJ-NR 0822 RAT CREATED																
CCS	CURS	A	12345	2041	MAT CTL TEST	463	0	254452	W	0	30	78 15	3	$.20	000	0000	030930
	REJ: NO RECORD FOUND WCN (CURSA12345499)																
	REJ-NR 0821 RAT CREATED																
SERVICE CONTRACT COST:					NUMBER AND AMOUNT OF REJECTED TRANSACTIONS:								2	$.10			
TOTAL					NUMBER AND AMOUNT OF REJECTED TRANSACTIONS:								14				

Figure 53-7. BCE Integrated Transaction List.

PREPARED 99 OCTOBER 12 BCE INTEGRATED TRANSACTION LIST AS OF 99 SEP 30 PCN SF022-467

INSTALLATION: MAXWELL AFB ACCEPTED TRANSACTIONS CMD AUM

TRANS IDENT	CONTROL INSTL	C	WORK ORDER	EFF DATE	DOCUMENT NUMBER	EEIC BAAN	QUANTITY	CST RC/CC	DES	AFO CODE	FUND CODE	OAC	OBAN	OB YR	F Y	COST AMOUNT	A&F NR & DATE	SEQ	REJECT DATE
PROJECT CONTRACT COSTS:																			
CCC	PNQ5	A	00423	2041	MAT CTL TEST	521	0	974452	W	0	30	78	15		3	.55-	000	0000	
CCC	PNQ5	A	00423	2041	MAT CTL TEST	521	0	974452	W	0	30	78	15	1	3	1.10	000	0000	
CCC	PMQ5	A	00423	2041	MAT CTL TEST	521	0	974452	W	0	30	78	15		3	.05-	000	0000	
PROJECT CONTRACT COST: NUMBER AND AMOUNT OF ACCEPTED TRANSACTIONS. 3 .50-																			
INDIRECT COST DATA COST CENTERS):																			
CC1	PNQ5	A		2041	MAT CTL TEST	30000	0	254452	I	0	30	78	15		3	.30-	000	0000	
CC1	PNQ5	A		2041	MAT CTL TEST	30000	0	254452	I	0	30	78	15		3	.60	000	0000	
CC1	PNQ5	A		2041	MAT CTL TEST	20000	0	254452	I	0	30	78	15		3	.35-	0000	0000	
CC1	PNQ5	A		2041	MAT CTL TEST	20000	0	254452	I	0	30	78	15		3	.70	0000	0000	
INDIRECT COST (DATA COST COST CENTERS): NUMBER AND AMOUNT OF ACCEPTED TRANSACTIONS. 4 .65 0000 0000																			

Figure 53-7. BCE Integrated Transaction List. (Cont'd)

PREPARED 99 OCTOBER 13 BCE INTEGRATED TRANSACTION LIST AS OF 99 SEP 30 PCN SH100-467

INSTALLATION:MAXWELL AFB CLEARED REJECTS CMD AUM

TRANS IDENT	CONTROL INSTL	C	WORK ORDER	EFF DATE	DOCUMENT NUMBER	EEIC BAAN	QUANTITY	RC/CC	CST DES	AFO CODE	FUND CODE	OAC	OBAN	OB YR	F Y	COST AMOUNT	A&F NRR	SEQ DATE	REJECT DATE
PROJECT CONTRACT COST:																			
CCC	PNQ5	A	01309		TEST RAT	52100	0	074480	W	2	31	16	40	3		10.09	006	3285	930930
PURCHASE UTILITIES=RENTALS=TDY=ETC COST:																			
CCC	PNQ5	A	00955	3285	TEST RAT	40000	0	584451	W	2	31	16	40	3		10.01	006	3285	930930
SERVICE CONTRACT CUST:																			
CCC	PNQ5	A	79432	3285	TEST RAT	50000	0	584452	W	2	31	16	40	3		10.02	006	3285	930930

NUMBER OF CLEARED REJECTS: 3

Figure 53-7. BCE Integrated Transaction List. (Cont'd)

SAMPLE

A&F/IWIMS DAILY PRODUCT CONTROL LOG

(NONMATERIEL TRANSACTIONS)

FEBRUARY 1999

A&F PCN SH069-163 IWIMS PCN SF022-467

List No.	As-of Date	Date Received	Amount (Total-Valid)	Related List No.	As-of Date	Date Received	Total Amount
1	1 Feb	4 Feb	$ 5,486.44	1	4 Feb	4 Feb	$ 5,468.44
2	4 Feb	5 Feb	10,023.16	2	5 Feb	5 Feb	10,023.16
3	5 Feb	6 Feb	4,650.53	IWIMS RECOVERY PERIOD			
4	6 Feb	7 Feb	7,184.13	IWIMS RECOVERY PERIOD			
5	7 Feb	8 Feb	3,476.05	3, 4, & 5	7 Feb	8 Feb	15,311.01
6	8 Feb	11 Feb	8,972.64	6	8 Feb	11 Feb	8,972.64
	11 Feb	NO TRANSACTION TO PROCESS		NO TRANSACTION TO PROCESS			
7	12 Feb	13 Feb	6,049.86	COMPUTER DOWN			
	13 Feb	COMPUTER DOWN		COMPUTER DOWN			
8	13 Feb	19 Feb	14,101.14	7 & 8	13 Feb	19 Feb	20,151.00
9	19 Feb	20 Feb	1,316.78	9	19 Feb	20 Feb	1,316.78
10	20 Feb	21 Feb	3,689.71	10	20 Feb	21 Feb	3,689.71
	21 Feb	A&F RECOVERY PERIOD		NO TRANSACTION TO PROCESS			
	21 Feb	A&F RECOVERY PERIOD		NO TRANSACTION TO PROCESS			
11	25 Feb	26 Feb	11,456.04	11	25 Feb	26 Feb	11,456.04
16	28 Feb	1 Mar	4,372.03		28 Feb	1 Mar	4,372.03
TOTAL AMOUNT A&F PASSED TO IWIMS			$ 80,760.81	16 TOTAL AMOUNT IWIMS RECEIVED FROM A&F			$ 80,760.81

Figure 53-8. A&F/IWIMS Daily Product Control Log (Nonmateriel Transactions).

A&F/IWIMS DAILY REJECT PRODUCT CONTROL LOG (NONMATERIEL TRANSACTIONS) (MONTH AND YEAR)

Date of Listing	A&F IWIMS Extract List PCN SH069-163			BCE Integrated Transaction List PCN SF022-467			
	Amount of Current Rejects	Amount of Cumulative Rejects	Amount of Valid Trans. Incl Corrn	Amount Recd by IWIMS	Amt Accptd by IWIMS	Amt Rejected by IWIMS	Cum Amt of Rejects

S A M P L E

Figure 53-9. A&F Daily Reject Product Control Log (Nonmateriel Transactions).

S A M P L E

WORKING LOG SHEET
FOR AFO/
IWIMS RECONCILIATION

(1) IWIMS EXT LIST SH069-163	(2) AMT OF AFO TOTAL REJECTS	(3) AMT OF AFO TOTAL REJECTS BEING RECYCLED	(4) AMT OF AFO TOT. VALID TRANSACTIONS	(5) AMT OF IWIMS REJECTS BEING RECYCLED	(6) BCE INTE-GRATED LIST	(7) AMT REC'D BY IWIMS	(8) AMT RECEIPTED BY IWIMS	(9) AMT REJECTED BY IWIMS	(10) NET AMOUNT OF REJECTS TO BE RECYCLED

(1) = As-of-date of related A&F IWIMS Extract List (PCN SH069-163).

(2) = Dollar amount of Total Rejects as shown on related A&F IWIMS Extract List.

(3) = Net dollar amount of A&F rejected nonmateriel transactions being recycled this date. This amount can be arrived at by totaling the amounts of a-1 A&F recycled transactions on the A&F IWIMS Extract List for that day's business.

(4) - Dollar amount of Total--Valid as shown on related A&F IWIMS Extract List minus dollar amounts in columns (3) and (5), for the same day's business.

(5) = Net dollar amount of IWIMS rejected nonmateriel transactions being recycled this date. This amount can be arrived at by totaling the amounts of all IWIMS recycled transactions on the A&F IWIMSs Extract List for that day's business.

(6) = As-of-date of related BCE Integrated Transaction List, (PCN SF022-467).

(7) = Dollar amount of total number and amount of integrated transactions processed as shown on the related BCE Integrated Transaction List. This amount should also equal the same total of columns (3), (4), and (5).

(8) = Dollar amount of total number and amount of accepted transactions processed as shown on the related BCE Integrated Transaction List.

(9) = Dollar amount of total number and amount of rejected transactions processed as shown on the related BCE Integrated Transaction List.

(10) = This shows the net cumulative-to-date balance of A&F and IWIMS rejected nonmateriel transactions which have not been corrected and recycled into the system. The amount to be entered can be arrived at by taking the net sum total of columns (2), (3), (5), and (9) for that day's business and applying it to the previous day's net balance.

Figure 53-10. Sample Working Log Sheet.

IWIMS FORMATTED CWM MATERIEL
(FILE-ID AATP2TUNTT11)
INPUT RECORD FORMAT

RECORD DESCRIPTION	RECORD POSITION	SPECIAL INSTRUCTIONS
Record Code	1	B.
AFO Code	2	
OAC	3-4	
OBAN	5-6	
RC/CC	7-12	
EEIC	13-17	
Cost Descriptor	18	
Fund Code	19-26	Blank.
Amount	27-36	Negative indicator. Enter in high order position.
As-of-Date	37-40	YDDD (Julian).
	41-76	Blank.
Control Installation Code	77-80	

Figure 53-11. IWIMS Reformatted CWM Materiel Input Record Format.

PREPARED 00 FEB 18 09:56 MASTER CRAFT CODE LISTING PCN SF022-166

Craft Code	Cost Cntr	Title	Craft Code	Cost Cntr	Title
AH	400	APPLIANCE HOLDING ACT	CI	400	BASE CIVIL ENGINEER
TC	400	TOOL CRIB	SQ	401	ADMIN MANAGEMENT
AO	402	AIR BASE OPERABILITY	IO	403	AIR BASE OPERABILITY OPT
AZ	404	EXPLOSIVE ORDNANCE (EOD)	AY	405	BCE REIMB/UNSPECIFIED CR
HF	406	HOUSING OFFICE	HB	407	HOUSING OFFICE OPTIONAL
HC	408	DORMITORY MANAGEMENT	CB	409	RED HORSE SUPPORT
RM	410	RESERVED	FM	411	RESOURCES
FR	412	RESOURCES OPTIONAL	FS	413	RESOURCES OPTIONAL
FT	414	RESOURCES OPTIONAL	TV	415	RESERVED
EG	416	ENVIROMENTAL	ER	417	ENVIR RESTORAT PLAN MGT
EX	418	ENVIRONMENTAL OPERATIONS	EM	419	RESTORATION OPERATIONS
EJ	420	ENGINEERING	PG	421	CONTRACTS
EI	422	SABER	EP	423	BASE DEVELOPMENT
PP	424	POLLUTION PREVENTION	FD	425	FIRE PROTECTION
OP	426	FIRE PROTECTION OPTIONAL	RU	426	FIRE PROTECTION OPTIONAL
TL	427	FIRE PROTECTION OPTIONAL	FC	428	RESERVED
OM	430	OPERATIONS	RL	431	OPERATIONS OPTIONAL
FH	432	FAM HOUS MAINT & REPAIR	HP	433	MEDICAL FACILITY MAINT
ML	434	BCE MISSILE SUPPORT	RR	435	OPERATIONS OPTIONAL
PC	436	MAINTENANCE ENGINEER	PJ	437	MAINTENANCE ENGINEER OPT
CW	438	CHEMICAL WARFARE	IE	438	INDIVIDUAL EQUIPMENT
LG	438	MATERIAL ACQUISITION	MK	438	MOBILITY KIT
RN	438	INDIV EQUIP UNIT	RH	439	RESDL MATL HOLDG ACCT

Figure 53-12. Master Craft Code Listing (by Cost Center).

PREPARED 00 FEB 18 09:56 MASTER CRAFT CODE LISTING PCN SF022-166

Craft Code	Cost Cntr	Title	Craft Code	Cost Cntr	Title
PV	440	HEAVY REPAIR	EO	441	HEAVY REPAIR OPTIONAL
WA	441	HEAVY REPAIR STRUCTURES	WB	441	HEAVY REPAIR ELECTRICAL
WC	441	HEAVY REPAIR MECHANICAL	WD	441	HEAVY REPAIR UTIL SYSTEM
WE	441	HEAVY REPAIR PAVA/EQUIP	WF	441	HEAVY REPAIR OPTIONAL
WG	441	HEAVY REPAIR OPTIONAL	WH	441	HEAVY REPAIR OPTIONAL
PX	442	HEAVY REPAIR OPTIONAL	RG	443	GROUNDS MAINTENANCE
RZ	444	ENTOMOLOGY	RA	445	HEAVY REPAIR OPTIONAL
FP	446	SNOW REMOVAL	GC	447	HEAVY REPAIR OPTIONAL
HR	448	HEAVY REPAIR OPTIONAL	MC	449	MINOR CONSTRUCTION
ST	450	FACILITY MANAGER	1A	451	ZONE1 STRUCTURES
1B	451	ZONE1 ELECTRICAL	1C	451	ZONE1 MECHANICAL
1D	451	ZONE1 UTILITY SYS	1E	451	ZONE1 PAVE/EQUIP
1F	451	ZONE1 OPTIONAL	1G	451	ZONE1 OPTIONAL
1H	451	ZONE1 OPTIONAL	CA	451	ROSEY'S ZONE
2A	452	XXXXXXXXXXXXXXXXXXXXXXXX	2B	452	ZONE2 ELECTRICAL
2C	452	ZONE2 MECHANICAL	2D	452	ZONE2 UTILITY SYS
2E	452	ZONE2 PAVE/EQUIP	2F	452	ZONE2 OPTIONAL
2G	452	ZONE2 OPTIONAL	2H	452	ZONE2 OPTIONAL
PA	452	ZONE2	3A	453	ZONE3 STRUCTURES

3B	453	ZONE3 ELECTRICAL	3C	453	ZONE3 MECHANICAL
3D	453	ZONE3 UTILITY SYS	3E	453	ZONE3 PAVE/EQUIP
3F	453	ZONE3 OPTIONAL	3G	453	ZONE3 OPTIONAL
3H	453	ZONE3 OPTIONAL	PB	453	ZONE3

Figure 53-12. Master Craft Code Listing (by Cost Center). (Cont'd)

PREPARED 00 FEB 18 09:56 MASTER CRAFT CODE LISTING PCN SF022-166

Craft Code	Cost Cntr	Title	Craft Code	Cost Cntr	Title
4A	454	ZONE4 STRUCTURES	4B	454	ZONE4 ELECTRICAL
4C	454	ZONE4 MECHANICAL	4D	454	ZONE4 UTILITY SYS
4E	454	ZONE4 PAVE/EQUIP	4F	454	ZONE4 OPTIONAL
4G	454	ZONE4 OPTIONAL	4H	454	ZONE4 OPTIONAL
SM	454	ZONE4	5A	455	ZONE5 STRUCTURES
5B	455	ZONE5 ELECTRICAL	5C	455	ZONE5 MECHANICAL
5D	455	ZONE5 UTILITY SYS	5E	455	ZONE5 PAVE/EQUIP
5F	455	ZONE5 OPTIONAL	5G	455	ZONE5 OPTIONAL
5H	455	ZONE5 OPTIONAL	MS	455	ZONE5
6A	456	ZONE6 STRUCTURES	6B	456	ZONE6 ELECTRICAL
6C	456	ZONE6 MECHANICAL	6D	456	ZONE6 UTILITY SYS
6E	456	ZONE6 PAVE/EQUIP	6F	456	ZONE6 OPTIONAL
6G	456	ZONE6 OPTIONAL	6H	456	ZONE6 OPTIONAL
SW	456	ZONE6	7A	457	ZONE7 STRUCTURES
7B	457	ZONE7 ELECTRICAL	7C	457	ZONE7 MECHANICAL
7D	457	ZONE7 UTILITY SYS	7E	457	ZONE7 PAVE/EQUIP

7F	457	ZONE7 OPTIONAL	7G	457	ZONE7 OPTIONAL
7H	457	ZONE7 OPTIONAL	MO	457	ZONE7
RP	458	REAL PROPERTY SERVICES	SH	459	SELF HELP CENTER
ME	460	INFRASTRUCTURE SPT UTIL	RF	461	INFRASTRUCTURE SPT OPT
LF	462	INFRASTRUCTURE SPT OPT	HV	463	INFRASTRUCTURE SPT OPT

Figure 53-12. Master Craft Code Listing (by Cost Center). (Cont'd)

PREPARED 00 FEB 18 09:56 MASTER CRAFT CODE LISTING PCN SF022-166

Craft Code	Cost Cntr	Title	Craft Code	Cost Cntr	Title
AC	464	INFRASTRUCTURE SPT OPT	HZ	465	INFRASTRUCTURE SPT OPT
SY	466	INFRASTRUCTURE SPT OPT	CS	467	INFRASTRUCTURE SPT OPT
IC	468	PURCHASE BASE UTILITIES	EC	469	WASTE/IND WASTE WATER
EL	470	INTRASTRUCTURE SUPPORT	IT	471	INTRASTRUCTURE SUPPORT OP
ET	472	INTRASTRUCTURE SUPPORT OP	OX	473	INTRASTRUCTURE SUPPORT OP
OY	474	INTRASTRUCTURE SUPPORT OP	OT	475	INTRASTRUCTURE SUPPORT OP
OJ	476	INTRASTRUCTURE SUPPORT OP	OD	477	INTRASTRUCTURE SUPPORT OP
OB	478	INTRASTRUCTURE SUPPORT OP	OZ	479	INTRASTRUCTURE SUPPORT OP
SA	490	RC/CC MAJCOM/BASE USE	WW	491	RC/CC MAJCOM/BASE USE
CX	492	RC/CC MAJCOM/BASE USE	IV	493	RC/CC MAJCOM/BASE USE
RX	494	RC/CC MAJCOM/BASE USE	YA	495	RC/CC MAJCOM/BASE USE
YB	496	RC/CC MAJCOM/BASE USE	YC	497	RC/CC MAJCOM/BASE USE
YD	498	RC/CC MAJCOM/BASE USE	YE	499	NON-BCE COST

Figure 53-12. Master Craft Code Listing (by Cost Center). (Cont'd)

PREPARED 00 FEB 18 09:56 MASTER CRAFT CODE LISTING PCN SF022-166

Craft Code	Cost Cntr	Title	Craft Code	Cost Cntr	Title
1A	451	ZONE1 STRUCTURES	1B	451	ZONE1 ELECTRICAL
1C	451	ZONE1 MECHANICAL	1D	451	ZONE1 UTILITY SYS
1E	451	ZONE1 PAVE/EQUIP	1F	451	ZONE1 OPTIONAL
1G	451	ZONE1 OPTIONAL	1H	451	ZONE1 OPTIONAL
2A	452	XXXXXXXXXXXXXXXXXXXXXXXX	2B	452	ZONE2 ELECTRICAL
2C	452	ZONE2 MECHANICAL	2D	452	ZONE2 UTILITY SYS
2E	452	ZONE2 PAVE/EQUIP	2F	452	ZONE2 OPTIONAL
2G	452	ZONE2 OPTIONAL	2H	452	ZONE2 OPTIONAL
3A	453	ZONE3 STRUCTURES	3B	453	ZONE3 ELECTRICAL
3C	453	ZONE3 MECHANICAL	3D	453	ZONE3 UTILITY SYS
3E	453	ZONE3 PAVE/EQUIP	3F	453	ZONE3 OPTIONAL

3G	453	ZONE3 OPTIONAL	3H	453	ZONE3 OPTIONAL
4A	454	ZONE4 STRUCTURES	4B	454	ZONE4 ELECTRICAL
4C	454	ZONE4 MECHANICAL	4D	454	ZONE4 UTILITY SYS
4E	454	ZONE4 PAVE/EQUIP	4F	454	ZONE4 OPTIONAL
4G	454	ZONE4 OPTIONAL	4H	454	ZONE4 OPTIONAL
5A	455	ZONE5 STRUCTURES	5B	455	ZONE5 ELECTRICAL
5C	455	ZONE5 MECHANICAL	5D	455	ZONE5 UTILITY SYS
5E	455	ZONE5 PAVE/EQUIP	5F	455	ZONE5 OPTIONAL
5G	455	ZONE5 OPTIONAL	5H	455	ZONE5 OPTIONAL

Figure 53-13. Master Craft Code Listing (by Shop Code).

PREPARED 00 FEB 18 09:56 MASTER CRAFT CODE LISTING PCN SF022-166

Craft Code	Cost Cntr	Title	Craft Code	Cost Cntr	Title
6A	456	ZONE6 STRUCTURES	6B	456	ZONE6 ELECTRICAL
6C	456	ZONE6 MECHANICAL	6D	456	ZONE6 UTILITY SYS
6E	456	ZONE6 PAVE/EQUIP	6F	456	ZONE6 OPTIONAL
6G	456	ZONE6 OPTIONAL	6H	456	ZONE6 OPTIONAL
7A	457	ZONE7 STRUCTURES	7B	457	ZONE7 ELECTRICAL
7C	457	ZONE7 MECHANICAL	7D	457	ZONE7 UTILITY SYS
7E	457	ZONE7 PAVE/EQUIP	7F	457	ZONE7 OPTIONAL
7G	457	ZONE7 OPTIONAL	7H	457	ZONE7 OPTIONAL

AC	464	INFRASTRUCTURE SPT OPT	AH	400	APPLIANCE HOLDING ACT
AO	402	AIR BASE OPERABILITY	AY	405	BCE REIMB/UNSPECIFIED CR
AZ	404	EXPLOSIVE ORDNANCE (EOD)	CA	451	ROSEY'S ZONE
CB	409	RED HORSE SUPPORT	CI	400	BASE CIVIL ENGINEER
CS	467	INFRASTRUCTURE SPT OPT	CW	438	CHEMICAL WARFARE
CX	492	RC/CC MAJCOM/BASE USE	EC	469	WASTE/IND WASTE WATER
EG	416	ENVIROMENTAL	EI	422	SABER
EJ	420	ENGINEERING	EL	470	INTRASTRUCTURE SUPPORT
EM	419	RESTORATION OPERATIONS	EO	441	HEAVY REPAIR OPTIONAL
EP	423	BASE DEVELOPMENT	ER	417	ENVIR RESTORAT PLAN MGT
ET	472	INTRASTRUCTURE SUPPORT OP	EX	418	ENVIRONMENTAL OPERATIONS

Figure 53-13. Master Craft Code Listing (by Shop Code). (Cont'd)

PREPARED 00 FEB 18 09:56 MASTER CRAFT CODE LISTING PCN SF022-166

Craft Code	Cost Cntr	Title	Craft Code	Cost Cntr	Title
FC	428	RESERVED	FD	425	FIRE PROTECTION
FH	432	FAM HOUS MAINT & REPAIR	FM	411	RESOURCES
FP	446	SNOW REMOVAL	FR	412	RESOURCES OPTIONAL
FS	413	RESOURCES OPTIONAL	FT	414	RESOURCES OPTIONAL
GC	447	HEAVY REPAIR OPTIONAL	HB	407	HOUSING OFFICE OPTIONAL

HC	408	DORMITORY MANAGEMENT	HF	406	HOUSING OFFICE
HP	433	MEDICAL FACILITY MAINT	HR	448	HEAVY REPAIR OPTIONAL
HV	463	INFRASTRUCTURE SPT OPT	HZ	465	INFRASTRUCTURE SPT OPT
IC	468	PURCHASE BASE UTILITIES	IE	438	INDIVIDUAL EQUIPMENT
IO	403	AIR BASE OPERABILITY OPT	IT	471	INTRASTRUCTURE SUPPORT OP
IV	493	RC/CC MAJCOM/BASE USE	LF	462	INFRASTRUCTURE SPT OPT
LG	438	MATERIAL ACQUISITION	MC	449	MINOR CONSTRUCTION
ME	460	INFRASTRUCTURE SPT UTIL	MK	438	MOBILITY KIT
ML	434	BCE MISSILE SUPPORT	MO	457	ZONE7
MS	455	ZONE5	OB	478	INTRASTRUCTURE SUPPORT OP
OD	477	INTRASTRUCTURE SUPPORT OP	OJ	476	INTRASTRUCTURE SUPPORT OP
OM	430	OPERATIONS	OP	426	FIRE PROTECTION OPTIONAL
OT	475	INTRASTRUCTURE SUPPORT OP	OX	473	INTRASTRUCTURE SUPPORT OP
OY	474	INTRASTRUCTURE SUPPORT OP	OZ	479	INTRASTRUCTURE SUPPORT OP
PA	452	ZONE2	PB	453	ZONE3
PC	436	MAINTENANCE ENGINEER	PG	421	CONTRACTS

Figure 53-13. Master Craft Code Listing (by Shop Code). (Cont'd)

PREPARED 00 FEB 18 09:56 MASTER CRAFT CODE LISTING PCN SF022-166

Craft Code	Cost Cntr	Title	Craft Code	Cost Cntr	Title
PJ	437	MAINTENANCE ENGINEER OPT	PP	424	POLLUTION PREVENTION
PV	440	HEAVY REPAIR	PX	442	HEAVY REPAIR OPTIONAL
RA	445	HEAVY REPAIR OPTIONAL	RF	461	INFRASTRUCTURE SPT OPT
RG	443	GROUNDS MAINTENANCE	RH	439	RESDL MATL HOLDG ACCT
RL	431	OPERATIONS OPTIONAL	RM	410	RESERVED
RN	438	INDIV EQUIP UNIT	RP	458	REAL PROPERTY SERVICES
RR	435	OPERATIONS OPTIONAL	RU	426	FIRE PROTECTION OPTIONAL
RX	494	RC/CC MAJCOM/BASE USE	RZ	444	ENTOMOLOGY
SA	490	RC/CC MAJCOM/BASE USE	SH	459	SELF HELP CENTER
SM	454	ZONE4	SQ	401	ADMIN MANAGEMENT
ST	450	FACILITY MANAGER	SW	456	ZONE6
SY	466	INFRASTRUCTURE SPT OPT	TC	400	TOOL CRIB
TL	427	FIRE PROTECTION OPTIONAL	TV	415	RESERVED
WA	441	HEAVY REPAIR STRUCTURES	WB	441	HEAVY REPAIR ELECTRICAL
WC	441	HEAVY REPAIR MECHANICAL	WD	441	HEAVY REPAIR UTIL SYSTEM
WE	441	HEAVY REPAIR PAVA/EQUIP	WF	441	HEAVY REPAIR OPTIONAL
WG	441	HEAVY REPAIR OPTIONAL	WH	441	HEAVY REPAIR OPTIONAL
WW	491	RC/CC MAJCOM/BASE USE	YA	495	RC/CC MAJCOM/BASE USE
YB	496	RC/CC MAJCOM/BASE USE	YC	497	RC/CC MAJCOM/BASE USE
YD	498	RC/CC MAJCOM/BASE USE	YE	499	NON-BCE COST

Figure 53-13. Master Craft Code Listing (by Shop Code). (Cont'd)

PREPARED 99 SEP 14 07:37 SCHEDULE OF REIMBURSEMENTS AND REFUNDS AS OF 99 SEP 14 PCN SF022-451
INSTALLATION: WRIGHT-PATT PART I CMD MTC

SALES CODE: TYPE: REFUND
RRI: C3 -AFMC/CEOU

CTL INST	CTL CNTR	WORK ORDER	FACILITY ID /SUF	WORK DESCRIPTION	ACCOUNT CODE	FC/CC	EEIC	TOTAL COST	MILITARY EXPENSE	NET REIMB. REFUND DUE
ZHTV	A	86879				114451	61930	35.36	.00	35.36
				FCCC TOTAL				35.36	.00	35.36
ZHTV	A	N2671				104451	20000	146.90	146.90	.00
ZHTV	A	N2671				104451	39701	288.05	.00	288.05
ZHTV	A	N2671				104451	39702	67.96	.00	67.96
ZHTV	A	N2671				104451	51400	7.32	.00	7.32
ZHTV	A	N2671				104451	60900	12.56	.00	12.56
				FCCC TOTAL				522.79	146.90	375.89
				RRI TOTAL				558.15	146.90	411.25

ZHTV PAGE

Figure 53-14. Schedule of Reimbursements and Refunds.

PREPARED 99 SEP 14 07:37 SCHEDULE OF REIMBURSEMENTS AND REFUNDS AS OF 99 SEP 14 PCN SF022-451
INSTALLATION: WRIGHT-PATT PART II CMD MTC
SALES CODE: TYPE: REFUND
RRI: CA -USAFM/IM

CURRENT MONTH COST

EEIC	RC/CC XX440E DOD FC 9	RC/CC XX440N DOD FC10	RC/CC XX440V DOD FC11	RC/CC XX4405 DOD FC12		EEIC TOTAL
20000	.00	233.71	.00	.00	*	233.71
39701	.00	458.25	.00	.00	*	458.25
39702	.00	108.14	.00	.00	*	108.14
51400	.00	11.64	.00	.00	*	11.64
60900	.00	19.96	.00	.00	*	19.96
TOTAL MILITARY	.00	233.71	.00	.00	*	233.71
TOTAL OTHER	.00	597.99	.00	.00	*	597.99

CUMULATIVE FY COST

EEIC	RC/CC XX440E DOD FC 9	RC/CC XX440N DOD FC10	RC/CC XX440V DOD FC11	RC/CC XX4405 DOD FC12		EEIC TOTAL
20000	.00	233.71	.00	.00	*	233.71
39701	.00	458.25	.00	.00	*	458.25
39702	.00	108.14	.00	.00	*	108.14
51400	.00	11.64	.00	.00	*	11.64
60900	.00	19.96	.00	.00	*	19.96
TOTAL MILITARY	.00	233.71	.00	.00	*	233.71
TOTAL OTHER	.00	597.99	.00	.00	*	597.99

Figure 53-14. Schedule of Reimbursements and Refunds. (Cont'd)

PREPARED 99 SEP 14 07:37 SCHEDULE OF REIMBURSEMENTS AND REFUNDS AS OF 99 SEP 14 PCN SF022-451
INSTALLATION: WRIGHT-PATT PART II CMD MTC
SALES CODE: TYPE: REFUND
RRI: CA -USAFM/IM

CURRENT MONTH COST

EEIC	RC/CC XX440E DOD FC 9	RC/CC XX440N DOD FC10	RC/CC XX440V DOD FC11	RC/CC XX4405 DOD FC12		EEIC TOTAL
20000	.00	233.71	.00	.00	*	233.71
39701	.00	458.25	.00	.00	*	458.25
39702	.00	108.14	.00	.00	*	108.14
51400	.00	11.64	.00	.00	*	11.64
60900	.00	19.96	.00	.00	*	19.96
TOTAL MILITARY	.00	233.71	.00	.00	*	233.71
TOTAL OTHER	.00	597.99	.00	.00	*	597.99

CUMULATIVE FY COST

EEIC	RC/CC XX440E DOD FC 9	RC/CC XX440N DOD FC10	RC/CC XX440V DOD FC11	RC/CC XX4405 DOD FC12		EEIC TOTAL
20000	.00	233.71	.00	.00	*	233.71
39701	.00	458.25	.00	.00	*	458.25
39702	.00	108.14	.00	.00	*	108.14
51400	.00	11.64	.00	.00	*	11.64
60900	.00	19.96	.00	.00	*	19.96
TOTAL MILITARY	.00	233.71	.00	.00	*	233.71
TOTAL OTHER	.00	597.99	.00	.00	*	597.99

Figure 53-14. Schedule of Reimbursements and Refunds. (Cont'd)

PREPARED 99 SEP 14 07:37 SCHEDULE OF REIMBURSEMENTS AND REFUNDS AS OF 99 SEP 14 PCN SF022-451
INSTALLATION: WRIGHT-PATT PART III CMD MTC
SALES CODE: 18 TYPE: REIMBURSEMENT
RRI: HV -WL/FIOT 645 CEG/CEEP-3 OVERTIME

MANHOUR DATA

COST-CTR	CUR MO MIL HR	CUR MO CIV HR	CUR MO TOT HR	CUM MIL HR	CUM CIV HR	CUM TOT HR
474	.0	4.0	4.0	.0	4.0	4.0

COST DATA

COST-CTR	CUR MO MIL CT	CUR MO CIV CT	CUR MO BEN	CUR MO TOT CT	CUM MIL CT	CUM CIV CT	CUM BEN	CUM TOT CT
474	26.70	56.00	12.34	95.04	26.70	56.00	12.34	95.04

Figure 53-14. Schedule of Reimbursements and Refunds. (Cont'd)

TITLE: CWM MATERIEL CONSOLIDATION

FILE-ID: ABQEOXUNDC10

DESCRIPTION	POSITIONS	SPECIAL INSTRUCTIONS
As-of Date	1-9	YY MMM DD.
Julian Date	10-13	YDDD.
Current Fiscal Year	14	Y.
	15-77	Blank.
Record Identity	78-80	***.

Figure 53-15. CWM Materiel Consolidation.